

TSG/ESD/TEB-01/72
6 January 1972

MEMORANDUM FOR THE RECORD

SUBJECT : High Precision Stereocomparator (HPS)
Acceptance Tests

REFERENCE: [] Status Report for Period 1 October
through 30 November 1971

1. The acceptance tests on the High Precision Stereocomparator were completed on 5 November 1971. The referenced document contains the procedures used and the results of those tests.

2. These tests were a repeat of tests run in November 1970 at [], prior to shipment of the HPS to the Center. The results of the tests reported in the referenced document are accurate. Some comments should be made, however, and these comments follow.

3. The resolution tests (Ref. 1, pages T46-9 thru T46-12) were made by [] and [] PHD/IEG. Spot checks were done at random intervals by [] TEB/ESD. The readings, especially at higher resolutions, made by TEB were approximately 2 elements lower than those made by the other two observers. In no case, however, did the readings by TEB show an out-of-spec condition. This discrepancy is not uncommon, and is due to a difference in training and experience in reading targets of this variety.

4. Some difficulties were encountered in running the Part II tests; that is, actually using the comparator with operational photography. These problems were both electronic and programming. Successful operation was achieved with all types of photography after repeated failures and trouble-shooting by [] personnel. These failures were not unexpected,

Declass Review by
NIMA/DOD

CONFIDENTIAL

GROUP 1
Excluded from automatic
downgrading and
declassification

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and will be present with decreasing frequency until the instrument is thoroughly shaken down.

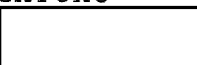
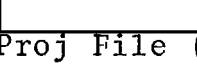


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Test Engineer
TEB/ESD

Distribution:

Original - TEB Chrono

- 1 - RED  thru Ch/RED) ✓
- 1 - PHD  - thru Ch/PHD)
- 1 - HPS Proj File (with Ref)
- 1 - Test Report File

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TRANSMITTAL SLIP		DATE
TO: <i>CH/RED</i>		<i>12 Jan 1973</i>
ROOM NO.	BUILDING	
REMARKS: <i>led</i> <i>DC/RED R</i> <i>C/SDB</i>		
FROM: <i>TEB/ESD</i>		
ROOM NO.	BUILDING	EXTENSION

FORM NO. 241
1 FEB 55

REPLACES FORM 36-8
WHICH MAY BE USED.

(47)

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